(FILE 'HOME' ENTERED AT 11:11:20 ON 24 SEP 2003)
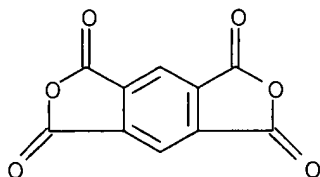
FILE 'REGISTRY' ENTERED AT 11:11:46 ON 24 SEP 2003
L1   65 S BENZENETETRACARBOXYLIC(W)DIANHYDRIDE
L2   6 S 2(W)PHENYL(W)4(W)METHYLIMIDAZOLE
L3   0 S S 89-32-7/CRN
L4   6856 S 89-32-7/CRN
L5   25 S 827-43-0/CRN
L6   1 S L4 AND L5

FILE 'CAPLUS' ENTERED AT 11:15:41 ON 24 SEP 2003
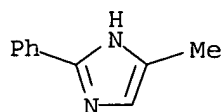L7   1 S 574014-29-2#/RN

```
RN    89-32-7  REGISTRY
CN    1H,3H-Benzo[1,2-c:4,5-c']difuran-1,3,5,7-tetrone (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    1,2,4,5-Benzenetetracarboxylic 1,2:4,5-dianhydride (8CI)
CN    Pyromellitic 1,2:4,5-dianhydride (6CI)
OTHER NAMES:
CN    1,2,4,5-Benzenetetracarboxylic acid 1,2:4,5-dianhydride
CN    1,2,4,5-Benzenetetracarboxylic acid dianhydride
CN    1,2:4,5-Benzenetetracarboxylic dianhydride
CN    NSC 4798
CN    PMDA
CN    Pyromellitic acid anhydride
CN    Pyromellitic acid dianhydride
CN    Pyromellitic anhydride
CN    Pyromellitic dianhydride
FS    3D CONCORD
DR    159104-96-8
MF    C10 H2 O6
CI    COM
LC    STN Files:   AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
         CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST,
         CIN, CSCHEM, CSNB, DETHERM*, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,
         ENCOMPPAT2, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS,
         NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT,
         USPAT2, USPATFULL
            (*File contains numerically searchable property data)
      Other Sources:   DSL**, EINECS**, TSCA**
            (**Enter CHEMLIST File for up-to-date regulatory information)
```


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
         2728 REFERENCES IN FILE CA (1907 TO DATE)
          514 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
         2732 REFERENCES IN FILE CAPLUS (1907 TO DATE)
          144 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

RN   827-43-0 REGISTRY
CN   1H-Imidazole, 4-methyl-2-phenyl- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Imidazole, 4(or 5)-methyl-2-phenyl- (6CI, 7CI, 8CI)
OTHER NAMES:
CN   **2-Phenyl-4-methylimidazole**
CN   2P4MZ
CN   4-Methyl-2-phenylimidazole
CN   Curezol 2P4MZ
FS   3D CONCORD
MF   C10 H10 N2
CI   COM
LC   STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
           CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
              (*File contains numerically searchable property data)
        Other Sources: EINECS**, NDSL**, TSCA**
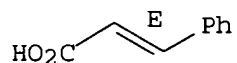   (**Enter CHEMLIST File for up-to-date regulatory information)

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

           156 REFERENCES IN FILE CA (1907 TO DATE)
             9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
           159 REFERENCES IN FILE CAPLUS (1907 TO DATE)
             4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
RN    140-10-3  REGISTRY
CN    2-Propenoic acid, 3-phenyl-, (2E)- (9CI)   (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN    2-Propenoic acid, 3-phenyl-, (E)-
CN    Cinnamic acid, (E)- (8CI)
OTHER NAMES:
CN    (E)-3-Phenylacrylic acid
CN    (E)-3-Phenylprop-2-enoic acid
CN    (E)-Cinnamic acid
CN    NSC 44010
CN    trans-.beta.-Carboxystyrene
CN    trans-3-Phenyl-2-propenoic acid
CN    trans-3-Phenylacrylic acid
CN    trans-Cinnamic acid
FS    STEREOSEARCH
MF    C9 H8 O2
CI    COM
LC    STN Files:   AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS,
         CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,
         CSCHEM, DETHERM*, DIPPR*, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA,
         MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE,
TOXCENTER,
         USPAT2, USPATFULL
            (*File contains numerically searchable property data)
         Other Sources:   DSL**, EINECS**, TSCA**
            (**Enter CHEMLIST File for up-to-date regulatory information)
```

Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```
            1445 REFERENCES IN FILE CA (1907 TO DATE)
              41 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            1448 REFERENCES IN FILE CAPLUS (1907 TO DATE)
               2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

WEST Search History 10/016,844

DATE: Wednesday, September 24, 2003

Set Name	Query	Hit Count	Set Name
side by side			result set
	DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L19	((phenylmethylimidazole or methylphenylimidazole or (phenyl adj2 methylimidazole) or (methyl adj2 phenylimidazole) or (phenyl adj2 methyl adj2 imidazole) or (methyl adj2 phenyl adj2 imidazole)) near5 (anhydride or dianhydride))	1	L19
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L18	l4 near5 (anhydride or dianhydride)	0	L18
L17	((523/$.ccls.) or (525/$.ccls.)) and l16	288	L17
L16	(l9 or l10) and l15	623	L16
L15	(dianhydride or anhydride) near5 (l4 or imidazole)	1551	L15
L14	l13 and ((523/$.ccls.) or (525/$.ccls.))	79	L14
L13	l11 and (microelectronic or electronic or semiconductor or (semi adj conductor) or ((integrated or printed) adj circuit))	516	L13
	DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L12	((((semi or partial$2) adj (cur?$ or harden$)) or semicur?$ or semiharden$ or (B adj stag?$)) and (bismaleimide or ((bis or di or poly) adj maleimide) or polymaleimide) and ((epox?$ near3 (resin$3 or novola?$1)) or diepox?$3 or polyepox?$3 or diglycidyl$ or polyglycidyl$ or epoxycyclohex??$))	17	L12
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L11	l8 and l9 and l10	787	L11
L10	(epox?$ near3 (resin$3 or novola?$1)) or diepox?$3 or polyepox?$3 or diglycidyl$ or polyglycidyl$ or epoxycyclohex??$	106619	L10
L9	bismaleimide or ((bis or di or poly) adj maleimide) or polymaleimide	4855	L9
L8	((semi or partial$2) adj (cur?$ or harden$)) or semicur?$ or semiharden$ or (B adj stag?$)	16288	L8
	DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		

| L7 | (((benzenetetracarboxylic or pyromellitic) adj (anhydride or dianhydride)) near5 imidazole) | 4 | L7 |

DB=USPT,PGPB; PLUR=YES; OP=ADJ

| L6 | l3 near5 imidazole | 15 | L6 |

DB=USPT; PLUR=YES; OP=ADJ

| L5 | l3 near5 l4 | 0 | L5 |

| L4 | phenylmethylimidazole or methylphenylimidazole or (phenyl adj2 methylimidazole) or (methyl adj2 phenylimidazole) or (phenyl adj2 methyl adj2 imidazole) or (methyl adj2 phenyl adj2 imidazole) | 520 | L4 |

| L3 | (benzenetetracarboxylic or pyromellitic) adj (anhydride or dianhydride) | 5400 | L3 |

| L2 | 100629902.ap. | 0 | L2 |

DB=DWPI; PLUR=YES; OP=ADJ

| L1 | wo-2003064493-$.did. | 0 | L1 |

END OF SEARCH HISTORY

WEST Search History

DATE: Wednesday, September 24, 2003

Set Name	Query	Hit Count	Set Name
side by side			result set
	DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L8	((dual adj (cure$1 or curing or harden$2 or hardening or crosslink$2 or (cross adj link$2) or crosslinking or (cross adj linking)))) and (semicure$1 or semicuring or semiharden$2 or semihardening or ((partial$2 or semi) adj (cure$1 or harden$2 or curing or hardening)) or (B adj (stage$1 or stageable)))	11	L8
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L7	l1 and l5 and (semiconductor or electronic or microelectronic or ((integrated or printed) adj circuit))	40	L7
L6	l2 and l5	31	L6
L5	semicure$1 or semicuring or semiharden$2 or semihardening or ((partial$2 or semi) adj (cure$1 or harden$2 or curing or hardening)) or (B adj (stage$1 or stageable))	15160	L5
L4	(((semi or partial$2) adj (cur?$ or harden$)) or semicur?$ or semiharden$ or (B adj stag?$)) and l2	31	L4
	DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
L3	(dual adj (cure$1 or curing or harden$2 or hardening or crosslink$2 or (cross adj link$2) or crosslinking or (cross adj linking)))	149	L3
	DB=USPT,PGPB; PLUR=YES; OP=ADJ		
L2	l1 and ((523/$.ccls.) or (525/$.ccls.))	242	L2
L1	dual adj (cure$1 or curing or harden$2 or hardening or crosslink$2 or (cross adj link$2) or crosslinking or (cross adj linking))	678	L1

END OF SEARCH HISTORY